FIG.1A

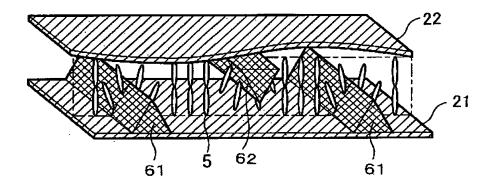
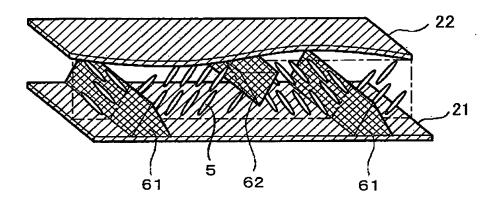


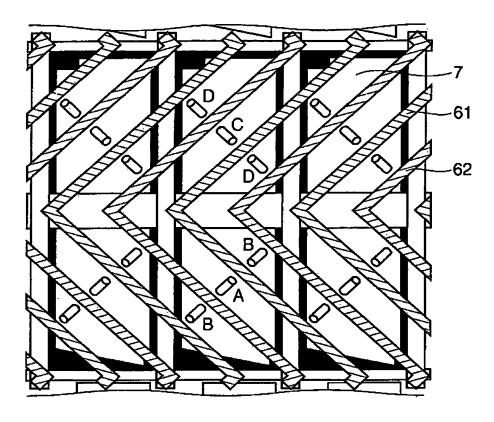
FIG.1B

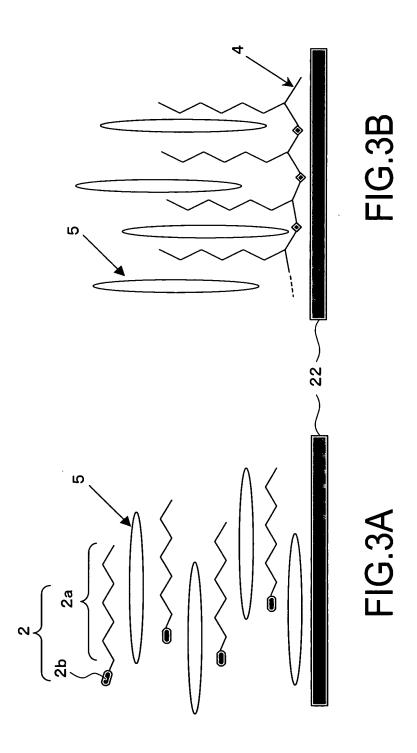


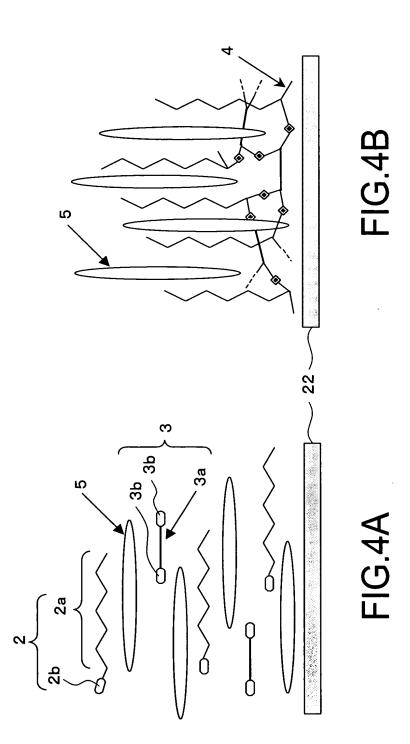
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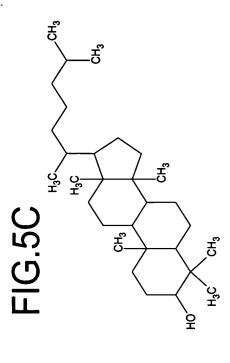
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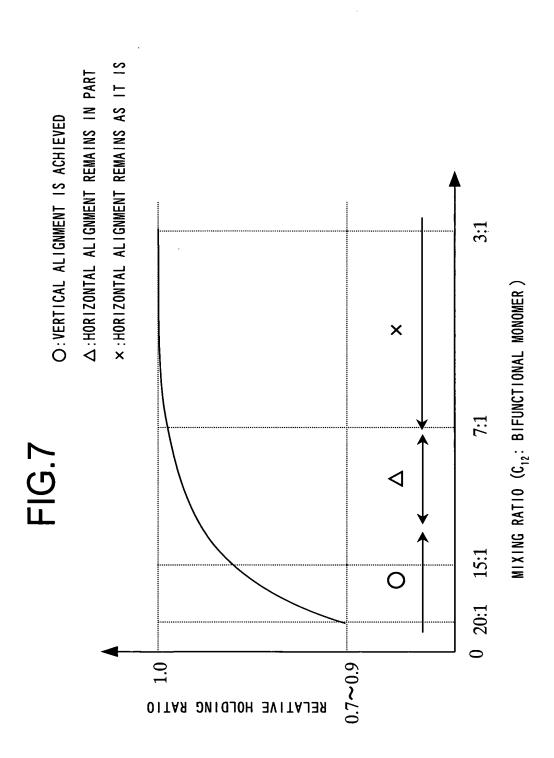




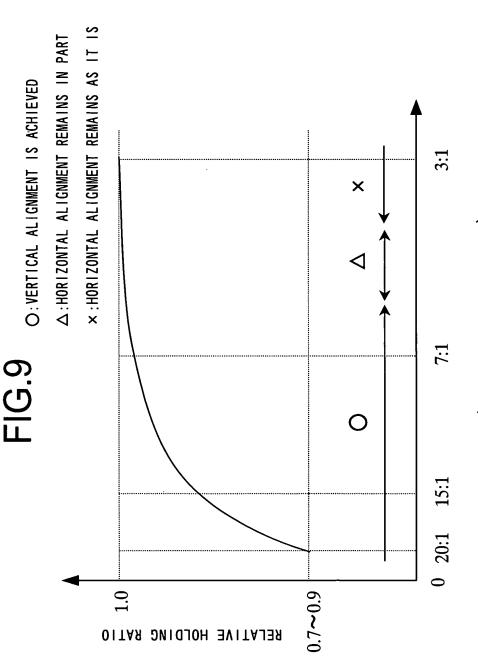
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MIXING RATIO (C<sub>12</sub>: BIFUNCTIONAL MONOMER)

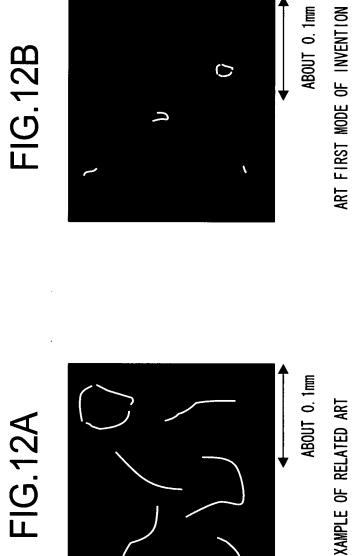
FIG. 10A 
$$cH_2 = cHC00 - (CH_2)_9 - \langle \bigcirc \rangle - \langle \bigcirc \rangle - (CH_2)_7 - \langle \bigcirc \rangle - \langle \bigcirc \rangle$$

FIG. 10B

$$CH_2 = CHCOO - (CH_2)_9 - (C) - (CH_2)_7 - CH_3$$
 $CH_2 = CHCOO - (CH_2)_9 - (C) - (CH_2)_7 - C$ 

FIG.10C 
$$cH_2 = cHC00 - (CH_2)_9 - (CH_2)_6 - CH_3$$
 
$$cH_2 = CHC00 - (CH_2)_9 - (CH_2)_6 - CH_3$$

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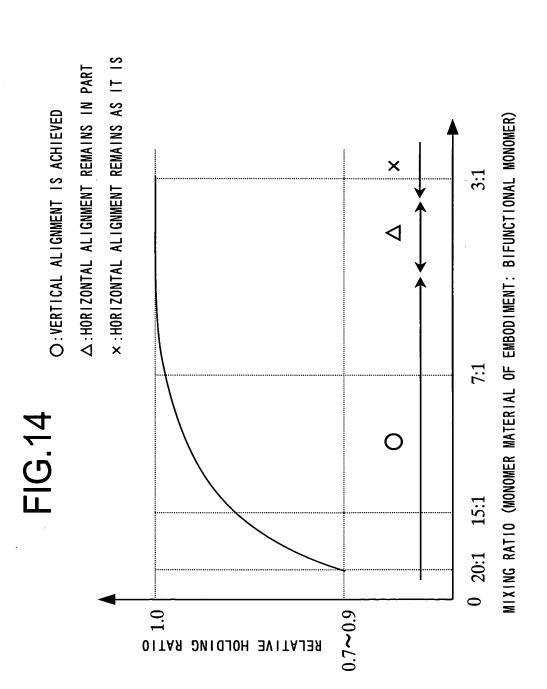
EXAMPLE OF RELATED ART

FIG. 13A 
$$cH_2 = cHC00 - (cH_2)_9 - (CH_2)_{15} - cH_2$$

FIG.13B 
$$CH_2 = CHCOO - (CH_2)_9 - (C) - (CH_2)_7 - CH$$

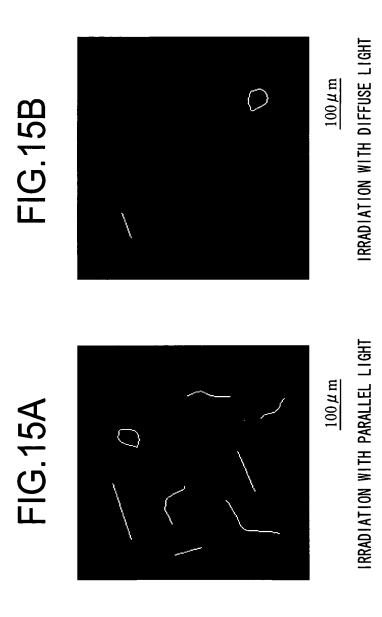
FIG.13C 
$$cH_2 = cHCOO - (CH_2)_2 - (O) - (O) - CH_2 - CH_3$$



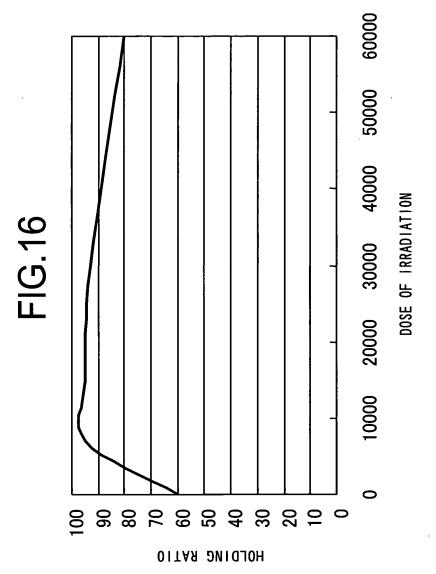


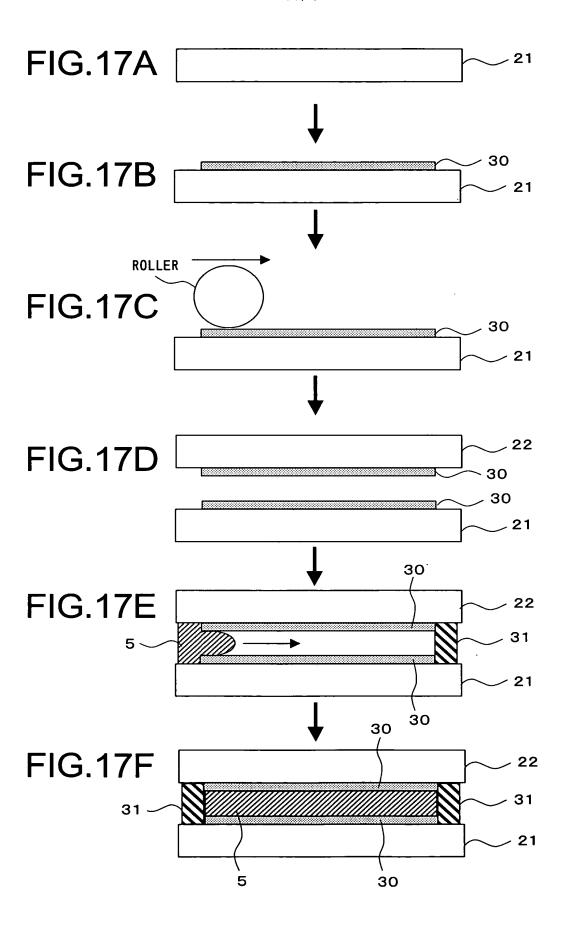
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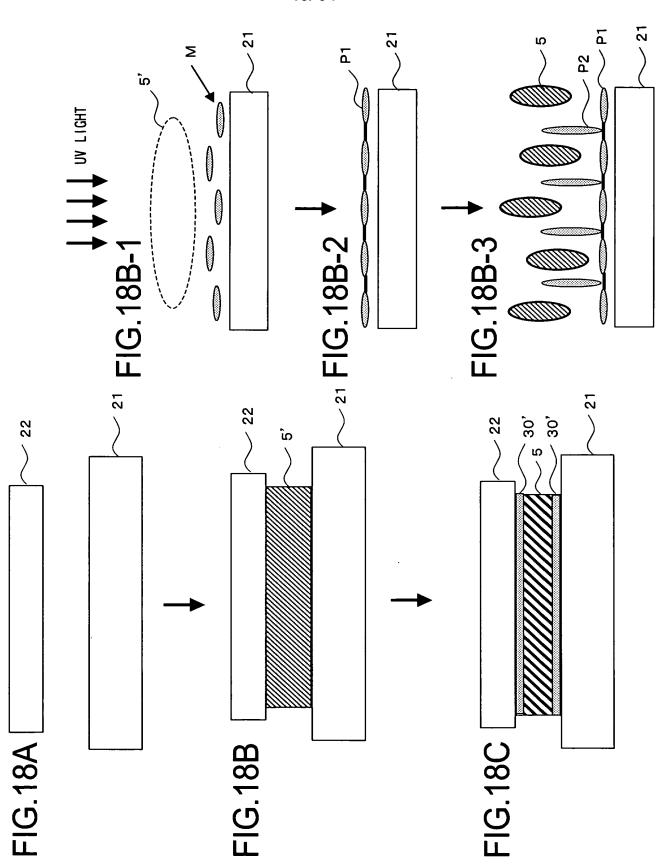








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FIG.19

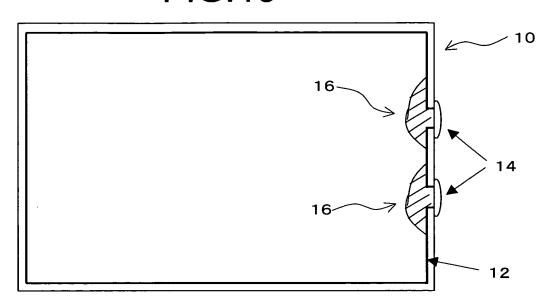
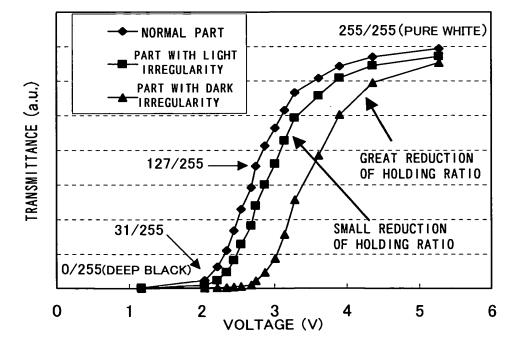


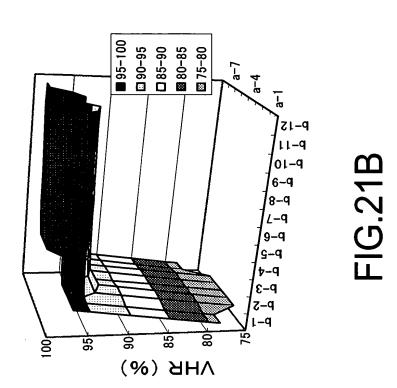
FIG.20

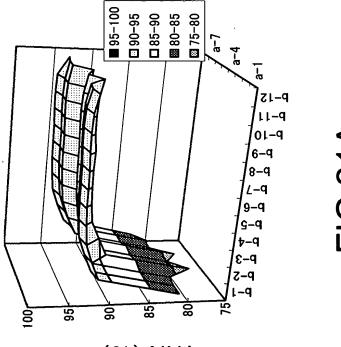


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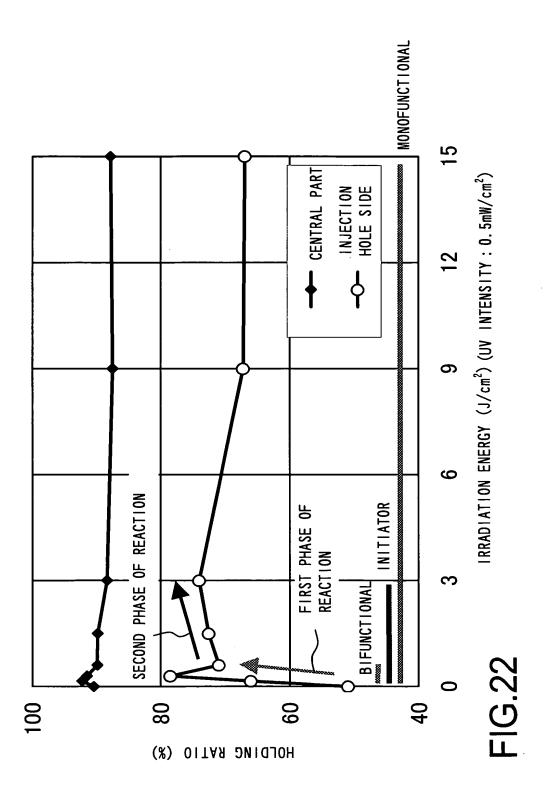
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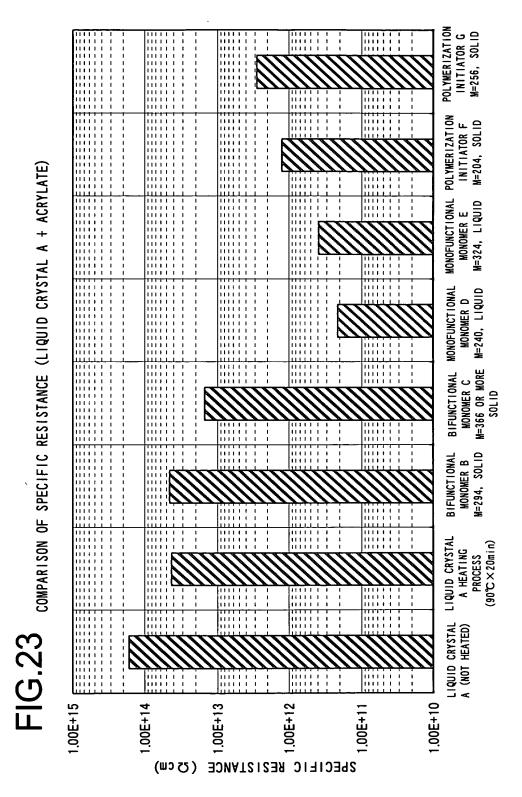


**VHR** (%)

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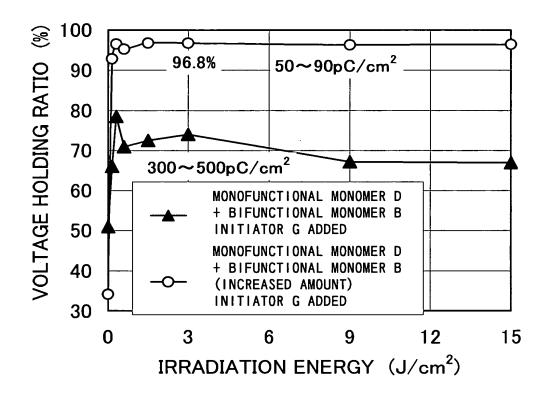
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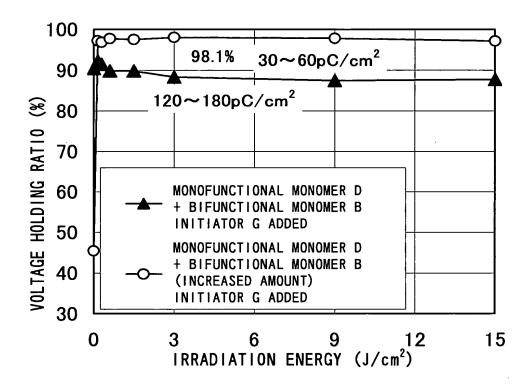


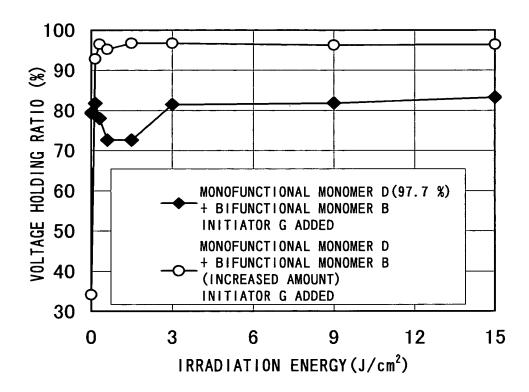
SAMPLE CONDITIONS

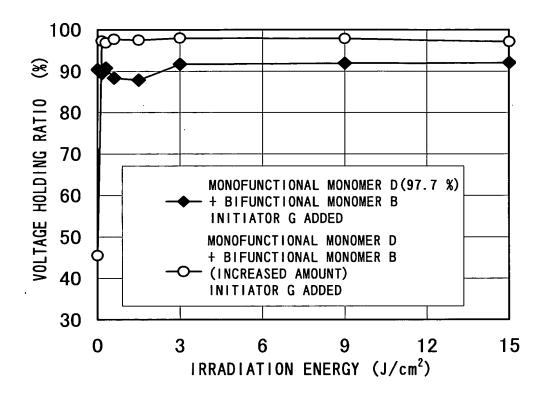
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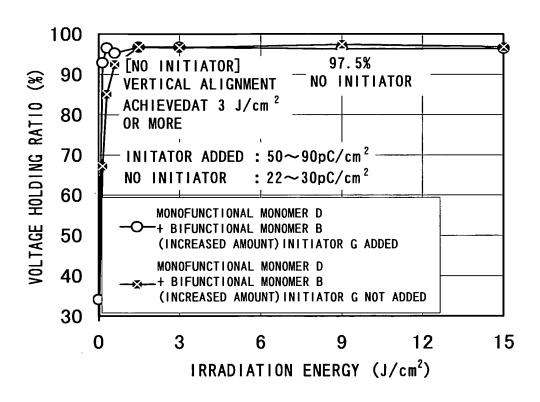
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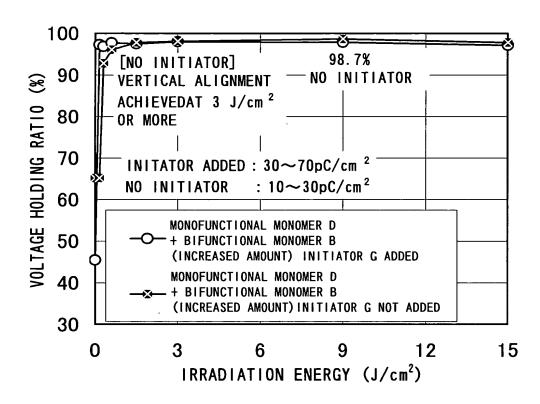




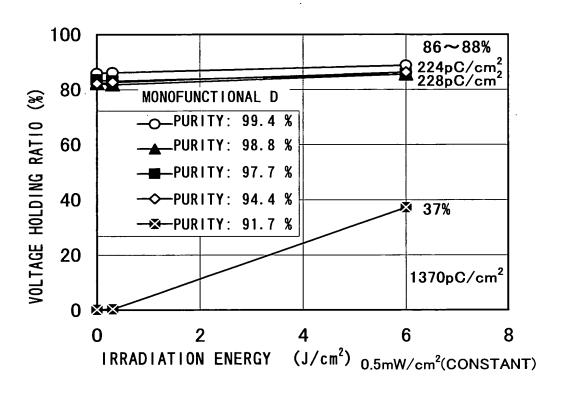


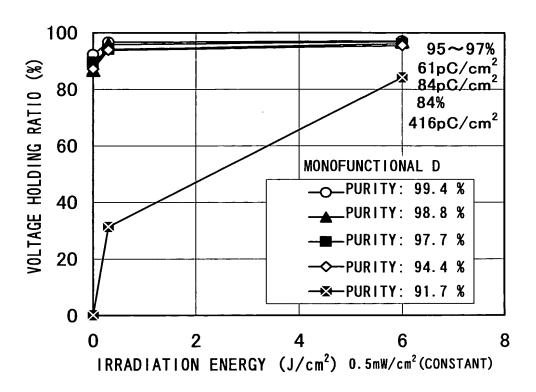


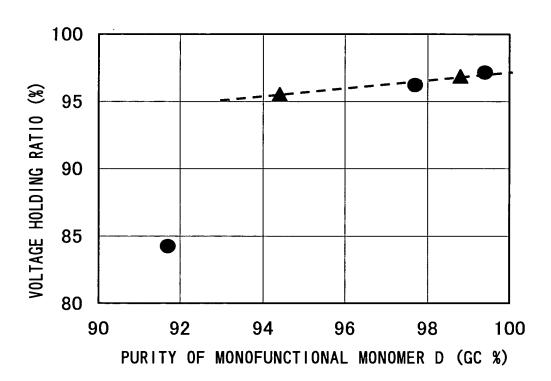




**FIG.30** 

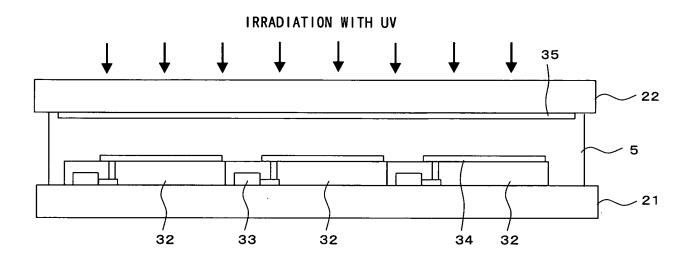




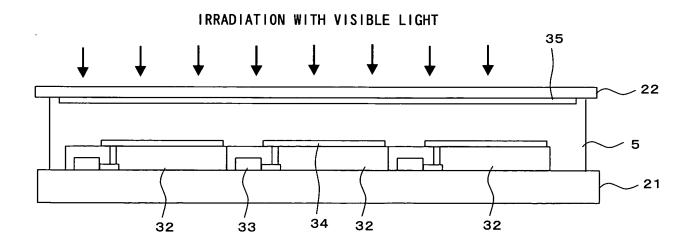


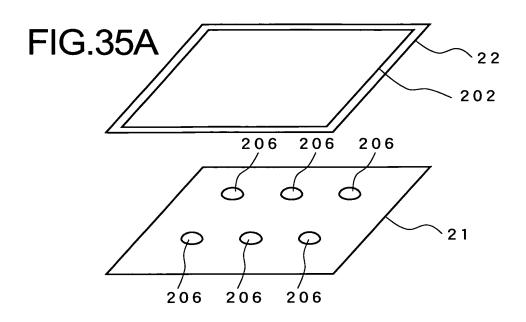
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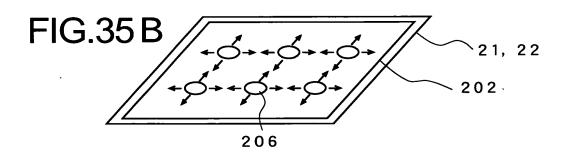
**FIG.33** 



**FIG.34** 







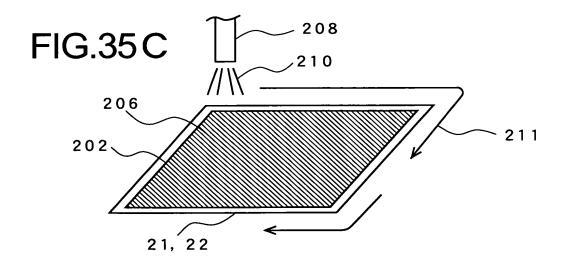


FIG.36A

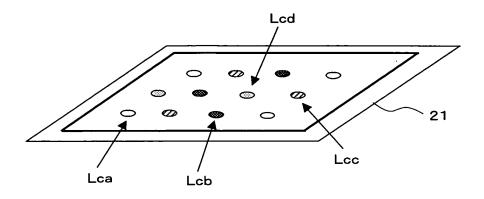


FIG.36B

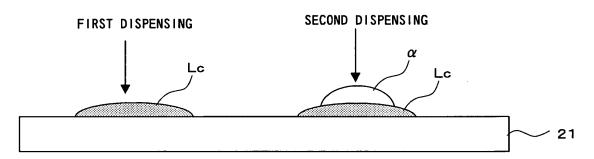


FIG.36C

